

OSR/FMSAC Relations

Chief of the FMSAC Project Staff, [redacted] commenting on the OSR Research Program for FY 1969 said

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"... The OSR contribution to NIE 11-8-68, however, makes it very clear that they intend to exert influence in these areas and regard FMSAC as having only a data processing function.

While realizing that there will always be some grey areas of responsibility between FMSAC and OSR, I suggest that a mutual understanding of the organizations' charters must be determined. It should be made clear that FMSAC not only analyzes data on foreign missile and space programs but ~~xxx~~ assesses the impact and importance of the results. Otherwise, we will be in the position of supplying information to the "big thinkers" in OSR."

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Memo by [redacted] dated 26 August 1968 to D/FMSAC,
sub: Comments on OSR Research Program for FY 1969, Unno'd, S.

July 67 - page 68
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General

FMSAC contribution to PFIAB annual report requested 11 July 1968 by DDS&T; produced 23 July 1968.

✓ During past yr FMSAC has taken major strides in developing an automatic Data handling system to aid in analysis of fm/s events. System structured around 2 computers, CDC 1700 located in FMSAC opns Cent and a remotely located IBM 360. CDC computer currently geared to aid analysis both by automatic processing, storage and retrieval of incoming tletype msgs and thru use of a FORTRAN Compiler by the running of trajectory and computational routines. Incoming teletype data also recorded on magnetic tapes and dumped into IBM 360 computer where msgs of specific interest to diff users in S&T are aut selected and printed out. IBM 360 also contains FMSAC data base on m/s events and related info. Files accessible in FMSAC Ops Cent by means of remote display device capable both of querying and storing new info in the structured files.

Future plans call for integration of the 2 computers, expansion and refurbishment of data base and development of programs designed to attain FMSAC's ADP goals, including rapid, easy access to and updating of files on past m/s events; application of methods to assist in prediction of future m/s activity; and assistance in the analysis of data on m/s events on a near real-time basis.

Entire program closely coordinated with OCS.

NIE contributions: FMSAC analysts contributed materially to several major NIEs on Sov and Chicom strat capabilities. A large portion of the judgments about present and future Soviet ballistic capabilities found in NIE 11-8-67, Soviet Capability for Strategic Attack, were formulated and presented by FMSAC either directly or thru GMAIC. Other significant contribution determined that facilities to test ICBM under construction in China; analysis of facilities at Complex J, TT, basis for time table for Sov manned lunar landing projections; analysis of construction activity at Sov missile plants which provided basis for estimating new Sov strat missile systems prior to flight test stage of development.

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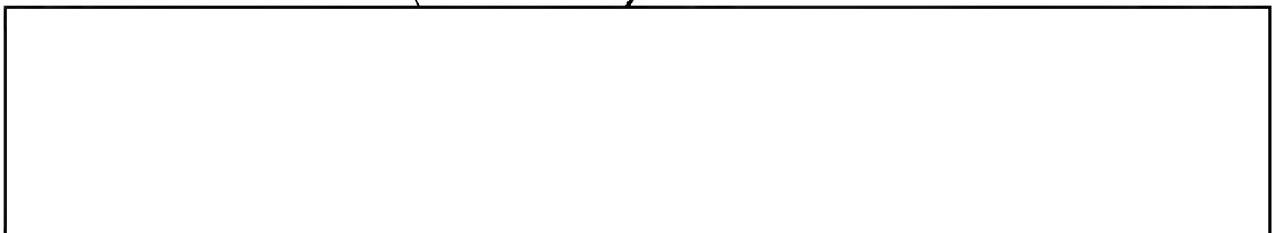
Major intel gaps facing FMSAC: lack of info on future Sov goals and missions. Tech data and analysis thereof provides broad constraints in form of capabilities but lacks the specific data necessary to predict program objectives. Solution must come from human sources because tech collection does not provide data related to future planning.

*Mid 1966
to mid 1967*

FMSAC activities:

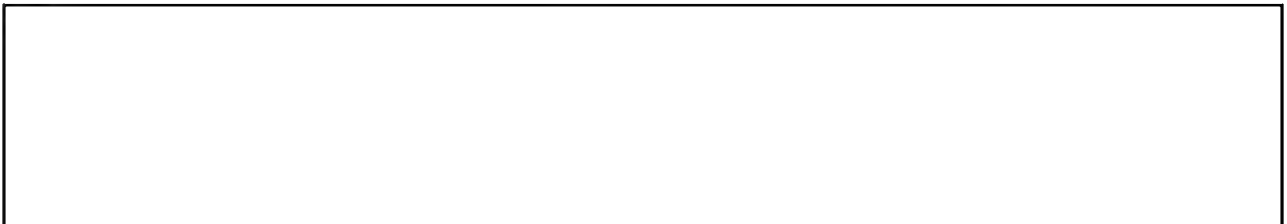
Support to the GMAIC of USIB.

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In FY 1967 FMSAC began to fulfill the objective of analyzing all space mission trajectories of interest with in-house, FMSAC assets rather than through external contractors.

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Daily Missile and Space Summary (MASS) is published by FMSAC with selective and timely reporting in depth; special articles of substantive nature also published. Contributions of significance have been made to the National Intelligence Estimates, particularly on Soviet and Chicom weapons systems.